NT BOOK

ensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	7	8

M. A. R. 57 (Rule 116)

Measurement Book

No. B 183003

Serial No. ..... RA Bill no 1 & final BR- 3454/29 & 14

Name of work Improvements to road from Side drains at Bhadrappa layout, Monthi nagar Devinagar, Munnekolala nagar and to digging all garbage in wards no 8

Name of Contractor or nature of Agency ..... (KRIDL) KRIDL Bangalore

Date of commencement of work Agreement no. EE/BTP/KRIDL/W-01/598/2013-14 dt 3/3/2014

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item no. (1) Earth work excn in by manual means in hard soil involving an average horizontal throw upto 20m and an average lift. from Kyavoor Math - Venkatesh						
(1)	Vara Temple	1	10.40	0.60	0.45	2.81 Cum	
(2)	——— do ———	1	22.00	0.60	0.45	5.94 "	
(3)	Bhajane Mane - Monthi Mandir	1	24.70	0.60	0.45	6.67 "	
(4)	Bhadrappa Building	1	30.00	0.60	0.45	8.10 "	
(5)	——— " ———	1	13.40	0.60	0.45	3.62 "	
(6)	Venkatesh vara temple to Hale Bidee	1	16.50	0.60	0.50	4.95 "	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	30.00	-	1.65	99.00 Sqm	
		2	18.20	-	1.65	66.06	
					Total	410.52 Sqm	
					Lintel to	109.07 Sqm	
	Providing and laying in position plain cement concrete of mix M-4.50 with opc-cement @ 150 kg/m³ using 40 mm down size graded metal, 35 m Dora, Kodigehalli, Gaon					@ 1,363.44	₹ 140491.00
		1	30.00	1.35	0.20	8.10 Cum	
	Cu/mtr	1	30.00	1.35	0.20	8.10 "	
		1	10.20	1.35	0.20	2.75 "	
		1	6.80	2.00	0.20	2.72 "	
		1	6.61	2.01	0.20	2.64 "	

7/8

Serial No. .....
Name of work ..... F
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Numb
	2	3
	for C/R Road	1
		1
		1
		1
		1
		1
		1

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Stream. 2016 (10)	providing and laying in position Plain Cement Concrete of mix M15 with cement @ 240 kgs with down and down size graded metal.						
	SSM Drain kadi gekalli goem	2	30.00	0.45	0.10	2.70 Cum	
		2	30.00	0.45	0.10	2.70 "	
		2	10.20	0.45	0.10	0.92 "	
		2	6.80	0.60	0.10	0.82 "	
		2	6.60	0.60	0.10	0.79 "	
		2	6.50	0.60	0.10	0.78 "	
						8.71 Cum	
				Limited to 8.62 Cum			
Stream. 2016 (11)	providing and rearranging Centering, Shuttering, Standing, propping etc					Cm 4690.50/Cum	R, 40526-00

M. A.
Me

erial No. .....
ame of work ..... From
ame of Contractor of nature of Agency.....
ate of commencement of work.....

Date	Full description, etc, of work	Number
	2	3
	Culvert	1 -
		1 -
		1 -
		2 -
		2 -
		2 -
		3 x2 -

14/8

ENT BOOK

Dimensions			Contents	Ref. to last Measurement
th	Breadth 5	Depth 6	7	8
ing Cement Concrete of mix MC5				
ound down Size graded metal.				
.00	0.45	0.10	2.70 Cum	
.60	0.45	0.10	2.70 "	
.20	0.45	0.10	0.92 "	
.80	0.60	0.10	0.82 "	
.60	0.60	0.10	0.79 "	
.50	0.60	0.10	0.78 "	
			8.71 Cum	
Limited to 8.64 Cum				Rs. 40526-00
ring,			Cft. 4690.50/Cum	

M. A. R. 57 (Rule 116)
Measurement Book

B

183016

erial No. .....
me of work ..... From ..... To .....
me of Contractor or nature of Agency.....
te of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions: Length	Breadth	Depth	Contents	Reference to last Measurement
	2	3	4	5	6	7	8
	Culvert	1	6.80	0.60	-	4.08 Sqm	
		1	6.60	0.60	-	3.96 "	
		1	6.50	0.60	-	3.90 "	
		2	6.80	-	0.25	3.40 "	
		2	6.60	-	0.25	3.30 "	
		2	6.50	-	0.25	3.25 "	
		3 x 2	1.80	-	0.25	2.70 "	
					Total	24.59 Sqm	
				Limited to		24.15 Sqm	
					Cft.	271.08 Sqm Rs. 6547.00	

14/8

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item. No (13) providing & fixing steel reinforcement for RCC work including straightening, cutting, bending & hooking etc for cnty ref P-18309 of this MB						
	ie 17.38 cnts @ Rs 7450.52/cnt					Rs 129490.00	
	Item. No. (14) providing and laying in position reinforced Cement Concrete of design mix M20 @ 320 kg with down and down large graded metal.						
	Culvert	1	6.80	1.80	0.25	3.06 cum	
		1	6.60	1.80	0.25	2.97	
		1	6.50	1.80	0.25	2.93	
	Lamp	2	6.80	1.80	0.15	3.67	

M.

erial No. .....

ame of work ..... F

ame of Contractor of nature of Agency.....

ate of commencement of work.....

ate	Full description, etc, of work	Numb
	2	3
		2
		2
	Item. No. (15) providing and l	
	using down and down large	
	Concrete (RMC) for RCC wo	
	for culvert.	1

BOOK

ons		Contents	Reference to last Measurement
readth 5	Depth 6	7	8
for Rcc work			
ing & working cr			
this MB			
45.92/cmt		Rs 129490.00	
n reinforced			
& stacking			
etal.			
1.80	0.25	3.06 Cum	
1.80	0.25	2.97 "	
1.80	0.25	2.93 "	
1.80	0.15	3.67 "	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 183017

rial No. .....
me of work ..... From ..... To .....
me of Contractor of nature of Agency.....
te of commencement of work.....

ate	Full description, etc, of work	Number	Dimensions: Length	Breadth	Depth	Contents	Reference to last Measurement
	2	3	4	5	6	7	8
		2	6.60	1.80	0.15	3.56 Cum	
		2	6.50	1.80	0.15	3.51 "	
					Total	19.98 Cum	
					Lintel to	19.31 Cum	
					CR 5639.76/Cum	Rs 108904.00	
	Item No. (15) providing and laying cement Concrete using down and down hrze granite jelly of ready mix Concrete (RMC) for Rcc works cr Complete.						
	for cr road.	1	10.40	(8.1+8.0)/2	0.10	8.37 Cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	22.00	$\frac{(10.2+9.8)}{2}$	0.10	22.00 Cum	
		1	24.70	$\frac{(7.2+7.2)}{2}$	0.10	17.78 s	
		1	30.00	$\frac{(4.3+4.5)}{2}$	0.10	19.20 s	
		1	13.40	$\frac{(9.3+9.5)}{2}$	0.10	12.60 s	
		1	16.50	$\frac{(2.6+2.4)}{2}$	0.10	4.13 s	
		1	6.00	$\frac{(2.1+2.0)}{2}$	0.10	1.29 s	
		1	14.00	$\frac{(4.6+4.8)}{2}$	0.10	6.58 s	
		1	11.60	$\frac{(5.6+5.8)}{2}$	0.10	6.61 11	

M

erial No. .....

ame of work ..... F

me of Contractor of nature of Agency.....

te of commencement of work.....

ate	Full description, etc, of work	Numl
	2	3
		1
		1
		1
		1
		1
		1
		1

OOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
+9.8)	0.10	22.00 Cum	
+7.2) / 2	0.10	17.78 "	
e4.5) / 2	0.10	19.20 "	
9.5) / 2	0.10	12.60 "	
+2.4) / 2	0.10	4.13 "	
+2.0) / 2	0.10	1.29 "	
+4.8) / 2	0.10	6.58 "	
+5.8) / 2	0.10	6.61 "	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 183018

rial No. .....

me of work ..... From ..... To .....

me of Contractor of nature of Agency.....

te of commencement of work.....

ate	Full description, etc, of work 2	Number 3	Dimensions: Length 4	Dimensions: Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	18.90	(4.50+4.3)/2	0.10	8.32 Cum	
		1	30.00	(3.1+3.2)/2	0.10	9.45 "	
		1	27.00	(3.2+3.0)/2	0.10	8.37 "	
		1	30.0	(4.2+3.9)/2	0.10	12.15 "	
		1	20.0	(3.9+4.1)/2	0.10	8.00	
		1	25.0	(6.1+6.0)/2	0.10	15.13 "	
		1	15.70	(5.3+5.2)/2	0.10	8.24 "	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	(5.3+5.1)/2	0.10	15.60 Cum	
		1	30.00	(5.1+5.4)/2	0.10	15.75	
		1	30.00	(5.4+5.3)/2	0.10	16.05	
		1	8.00	(5.3+5.3)/2	0.10	4.32	
					Total	213.93	
					Less	212.22 Cum	
Item No 6(iv)	providing and fixing 20mm thick Compressible fiber board in expansion joint complete. cc Road	2	8	-	-	16.00	
		3	10.0	-	-	30.00	

@ Rs 6464.88/Cum Rs 1371977.00

Cert. of Exe. Engr B/R Dn 23/8/2011

M.

erial No. .....

ame of work ..... F

ame of Contractor of nature of Agency.....

ate of commencement of work.....

ate	Full description, etc, of work	Numb
	2	3
		2
		1
		2
		1
		1
		1
		2
		2
		1
		3
		1

OOK

dth	Depth 6	Contents 7	Reference to last Measureme 8
	+3.0)	83.70	
	+3.9)	121.50	
	4.1) -	80.00	
	+6.0) -	151.25	
	+5.2) -	82.43	
	+5.10)	156.00	
	+5.4)	157.50	
	+5.3) -	160.50	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 183021

rial No. .....
me of work ..... From ..... To .....
me of Contractor of nature of Agency.....
te of commencement of work.....

ate	Full description, etc, of work 2	Number 3	Dimensions: Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	8.00	(5.3+5.5)/2	-	43.20	
					C/o to	239.33	
				Carried to		2122.16	
	Item no. 10.15 Lead for disposal of debris shall be payable at carriage rates by mechanical means.				CR 91.80/Sqmt	Rs 194814.00	
	Qty vide item no. (1)+(2)+(3)				i.e 561.73 cum		Rs 40843.00
					CR 72.71/cum		

22/8-17

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			Sub total			Rs 4460713.00	
	Add KRIDL Service charge @ 11%.					Rs 490678.00	
	1% Stamp duty & charges					Rs 44607.00	
					Total	Rs 4995998.00	
						4951,317 =00	
	checked & found all items & measurements are correct						

23/8

D. K. Madhusudhan
23/8
Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

M.

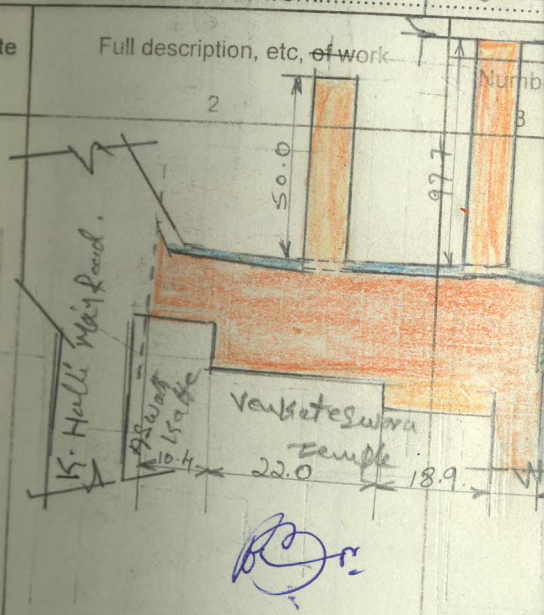
rial No. .....

me of work ..... F

me of Contractor of nature of Agency.....

te of commencement of work.....

ate	Full description, etc, of work	Numb
	2	3



MEASUREMENT BOOK

D	description, etc, of work	Dimensions				Contents	Reference to last Measurem
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
			IT	99026			
			KSS	498053			
			Fdn	321836			
			Cwc	49513			
			Cwk	4951			
			Rcc	61673			
			Fix	4000			
			TOTAL	739052			

ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 4951317=00
ಗಳನ್ನು ವಾಸ್ತು ಮಾಡಿದೆ : ಇದರಲ್ಲಿ ರೂ. 739052=00
ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು
ರೂ. 4212265=00
ಚೆಕ್ ಮುಯಾಂತರ ನೀಡಲಾಗಿದೆ

ವಿಭಾಗಾಧಿಕಾರಿ

ಸಹಾಯಕ ಅಭಿಯಂತರರು

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು

M

RDB-II No I & F final

rial No. .....

me of work Providing Cement Concr
village in ward no. 8

me of Contractor or nature of Agency.....

e of commencement of work Agreement dt

ate	Full description, etc, of work	Numb
	2	3
	Item no. (1) Earth work excavation for levelling and lowering	
(1)	Approach road to the Pourakarmika colony	1
(2)	" "	1
(3)	" "	1
(4)	" "	1
(5)	Near Samudaya Bhavan	1
(6)	" "	1